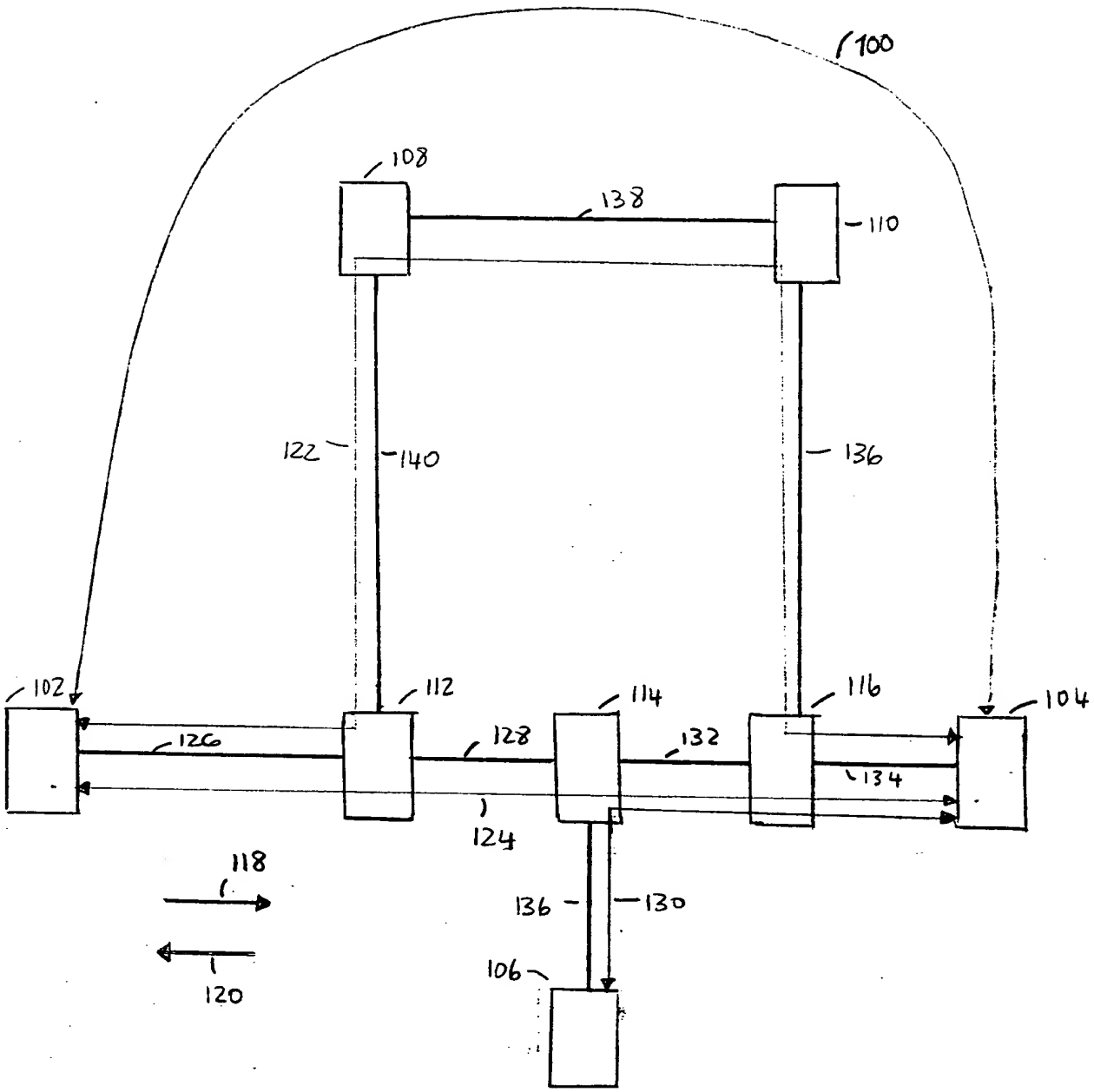

100
108
138
110
122
140
136
102
112
114
116
104
126
128
132
134
124
118
120
136
130
106

FIG. 1

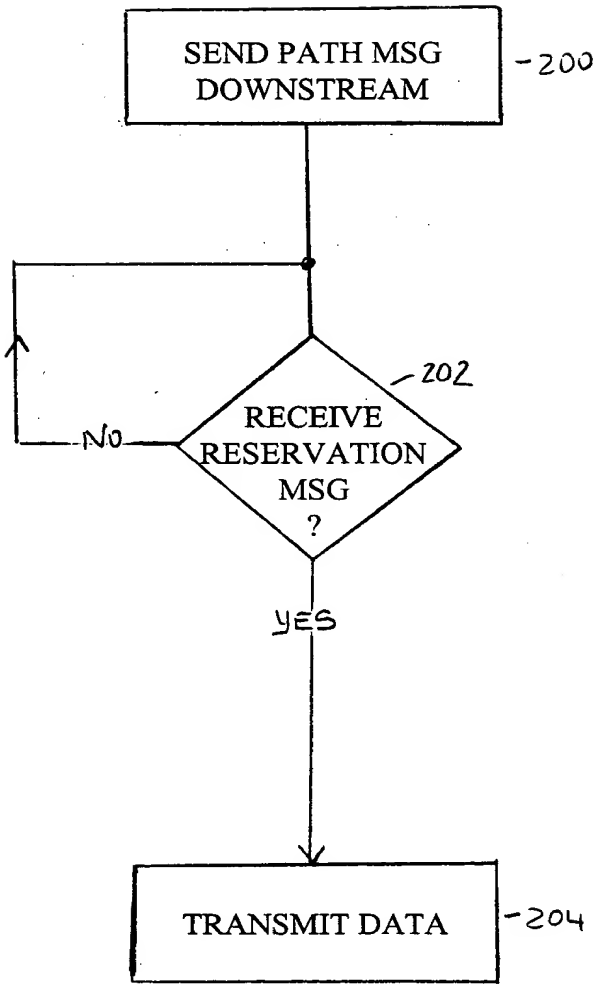

SEND PATH MSG DOWNSTREAM
200
202
RECEIVE RESERVATION MSG ?
NO
YES
TRANSMIT DATA
204

FIG. 2

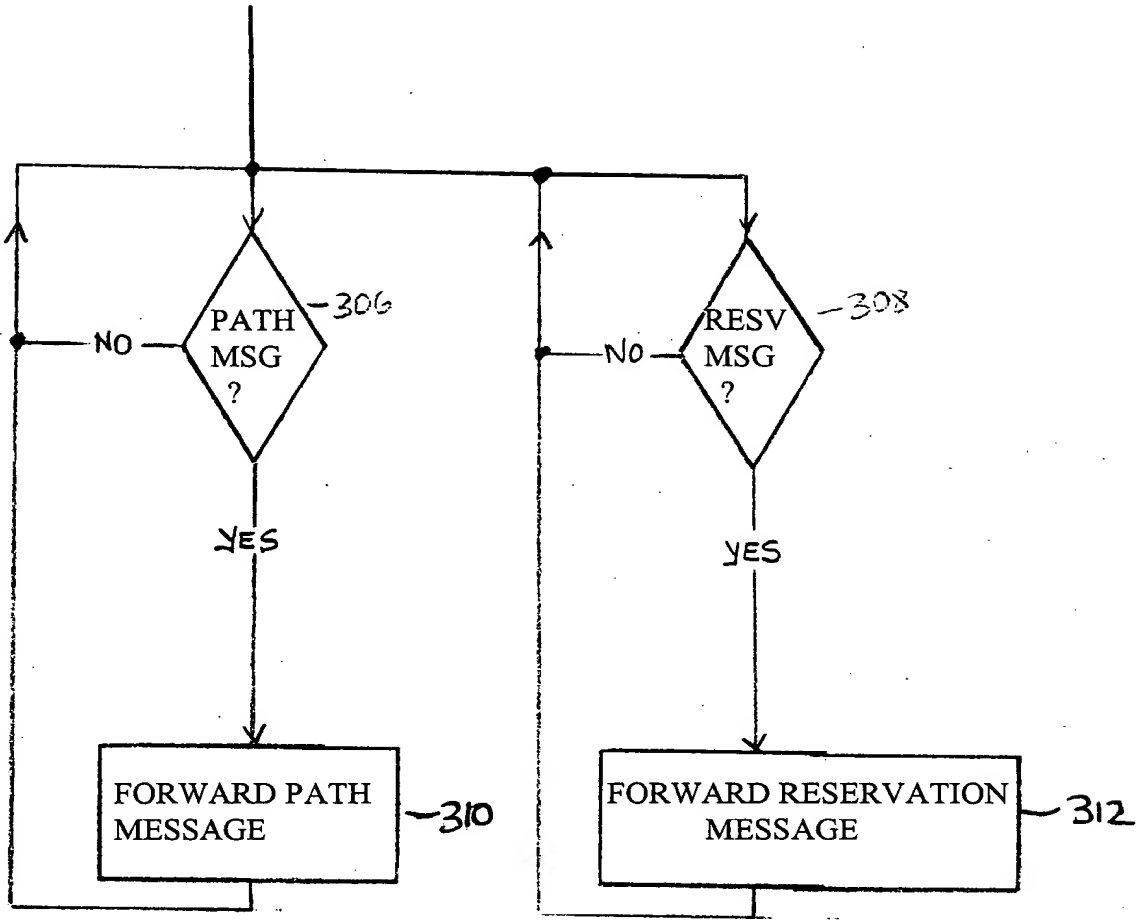
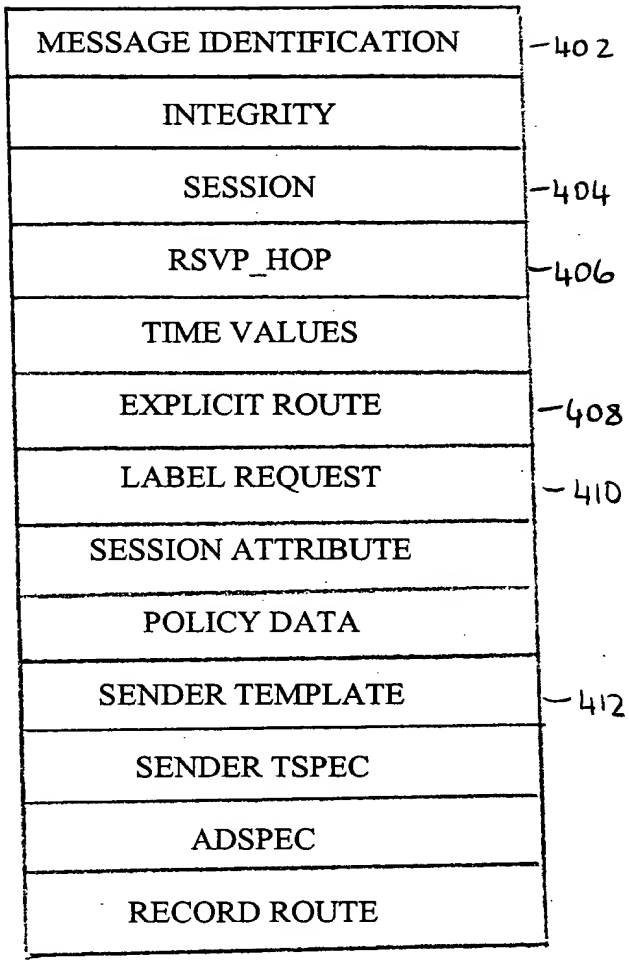

PATH MSG ?
306
NO
YES
RESV MSG ?
308
NO
YES
FORWARD PATH MESSAGE
310
FORWARD RESERVATION MESSAGE
312

FIG. 3

400

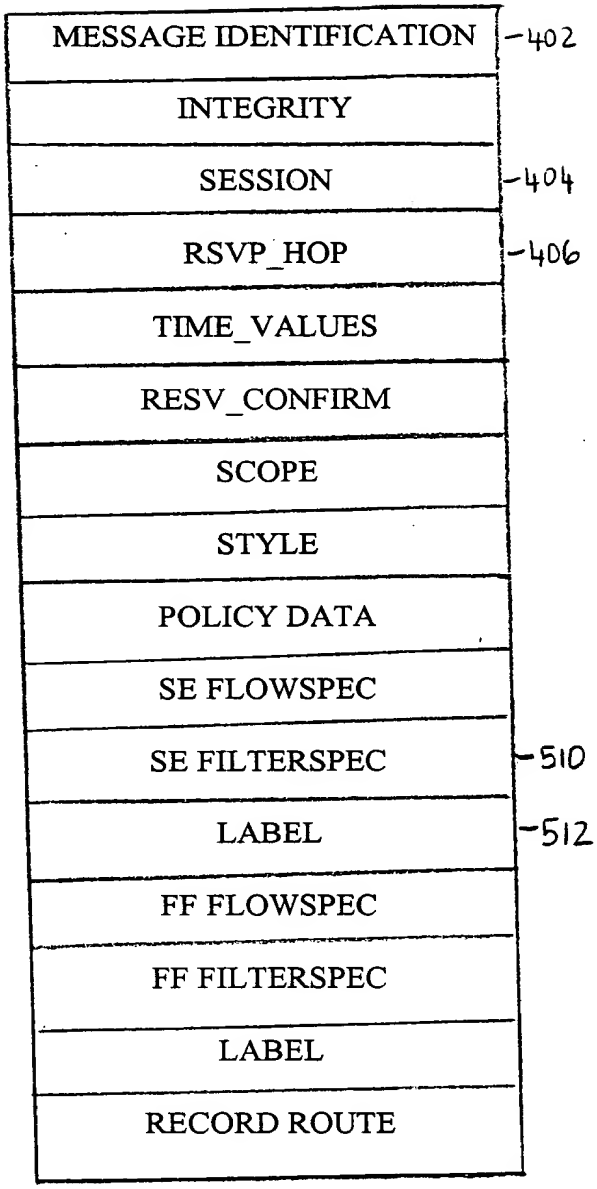


PATH MESSAGE

FIG. 4

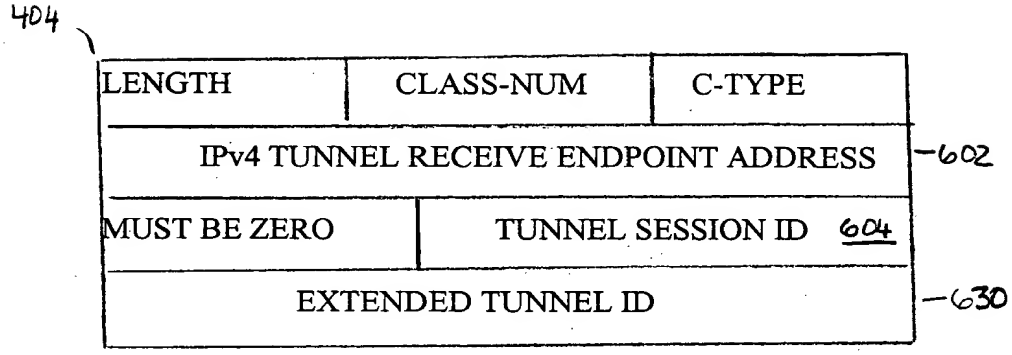
09351556.050599

500



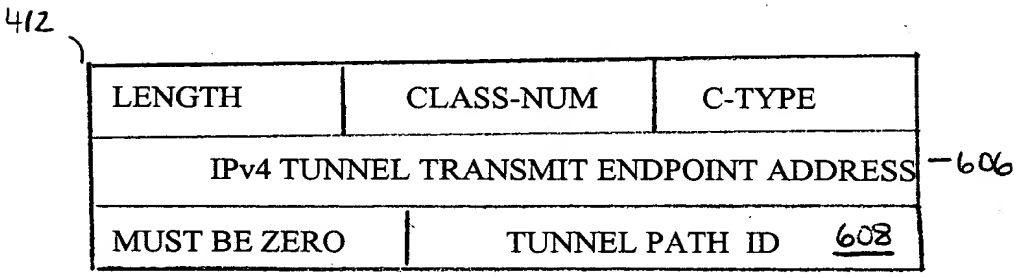
RESERVATION MESSAGE

FIG. 5



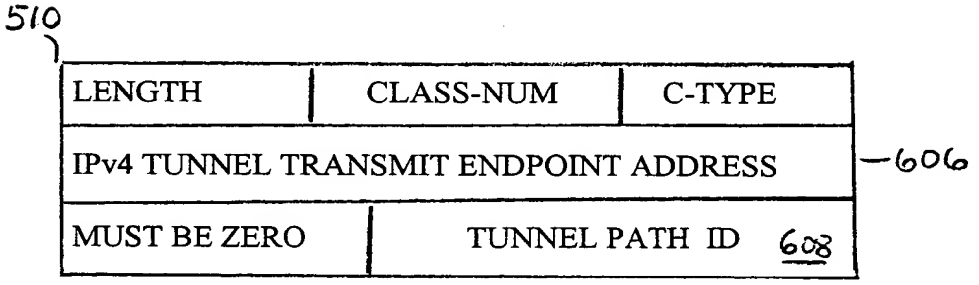
SESSION OBJECT

FIG. 6A



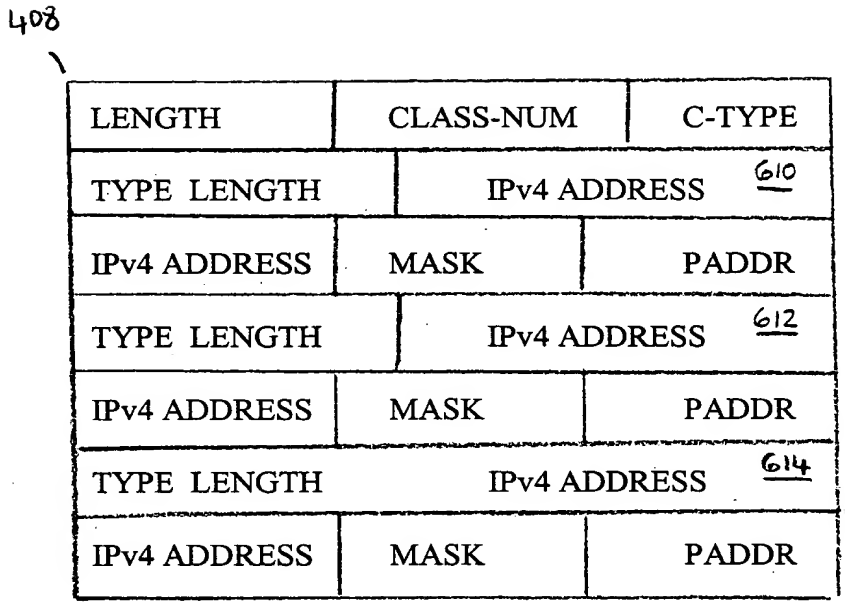
SENDER TEMPLATE OBJECT

FIG. 6B



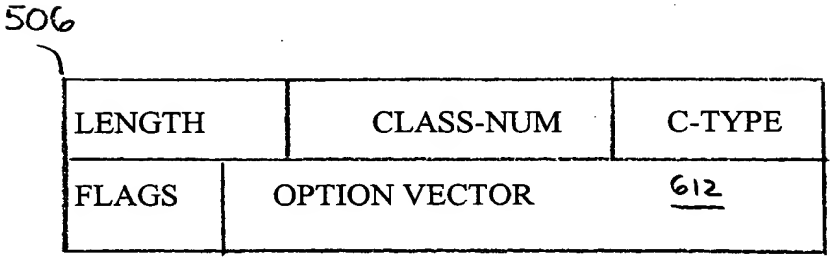
FILTER SPEC OBJECT

FIG. 6C



EXPLICIT ROUTE OBJECT

FIG. 6D



STYLE OBJECT

FIG. 6E

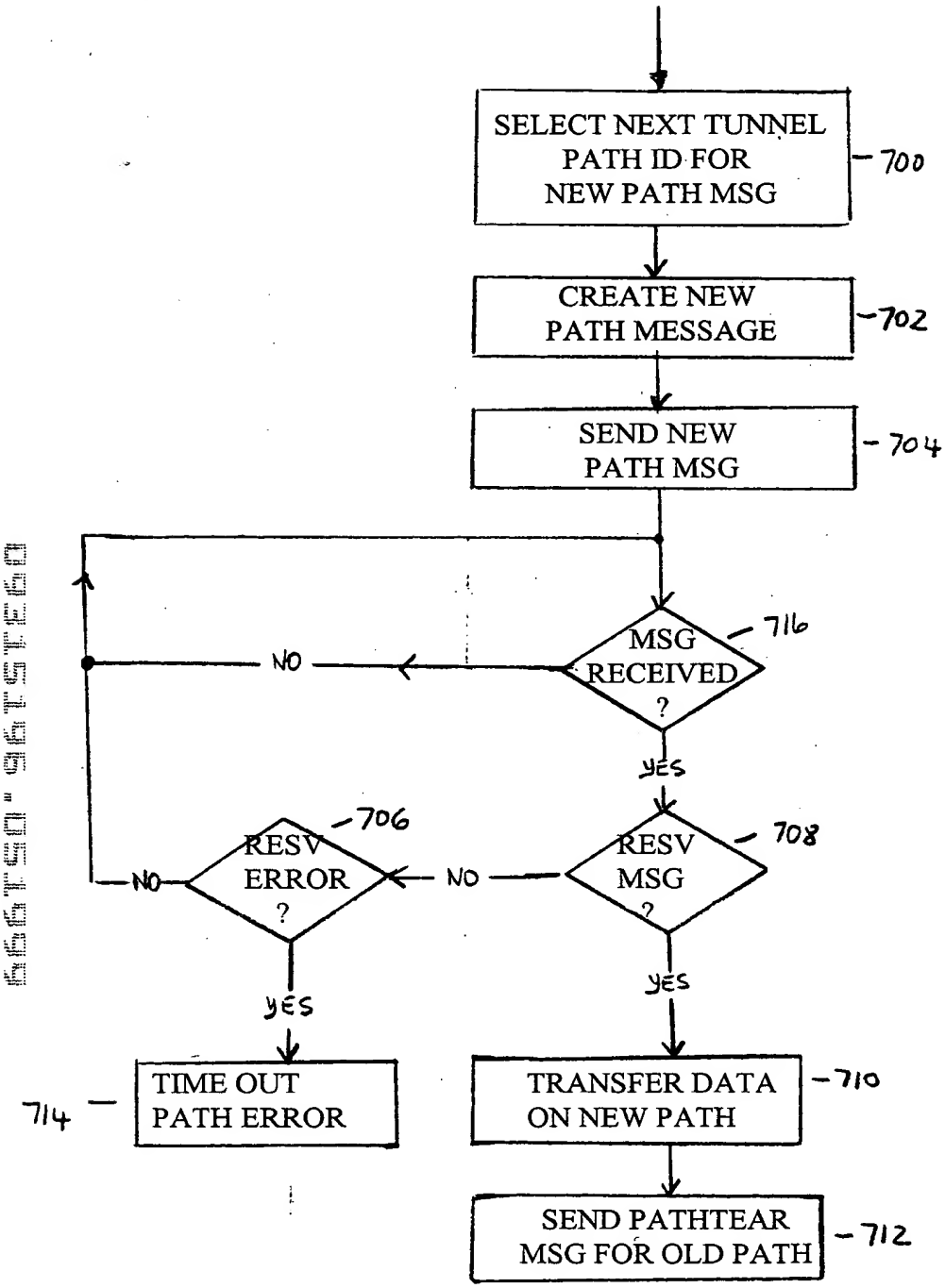

SELECT NEXT TUNNEL PATH ID FOR NEW PATH MSG
700
CREATE NEW PATH MESSAGE
702
SEND NEW PATH MSG
704
MSG RECEIVED ?
716
NO
YES
RESV ERROR ?
706
NO
RESV MSG ?
708
NO
YES
YES
TIME OUT PATH ERROR
714
TRANSFER DATA ON NEW PATH
710
SEND PATHTEAR MSG FOR OLD PATH
712

FIG. 7

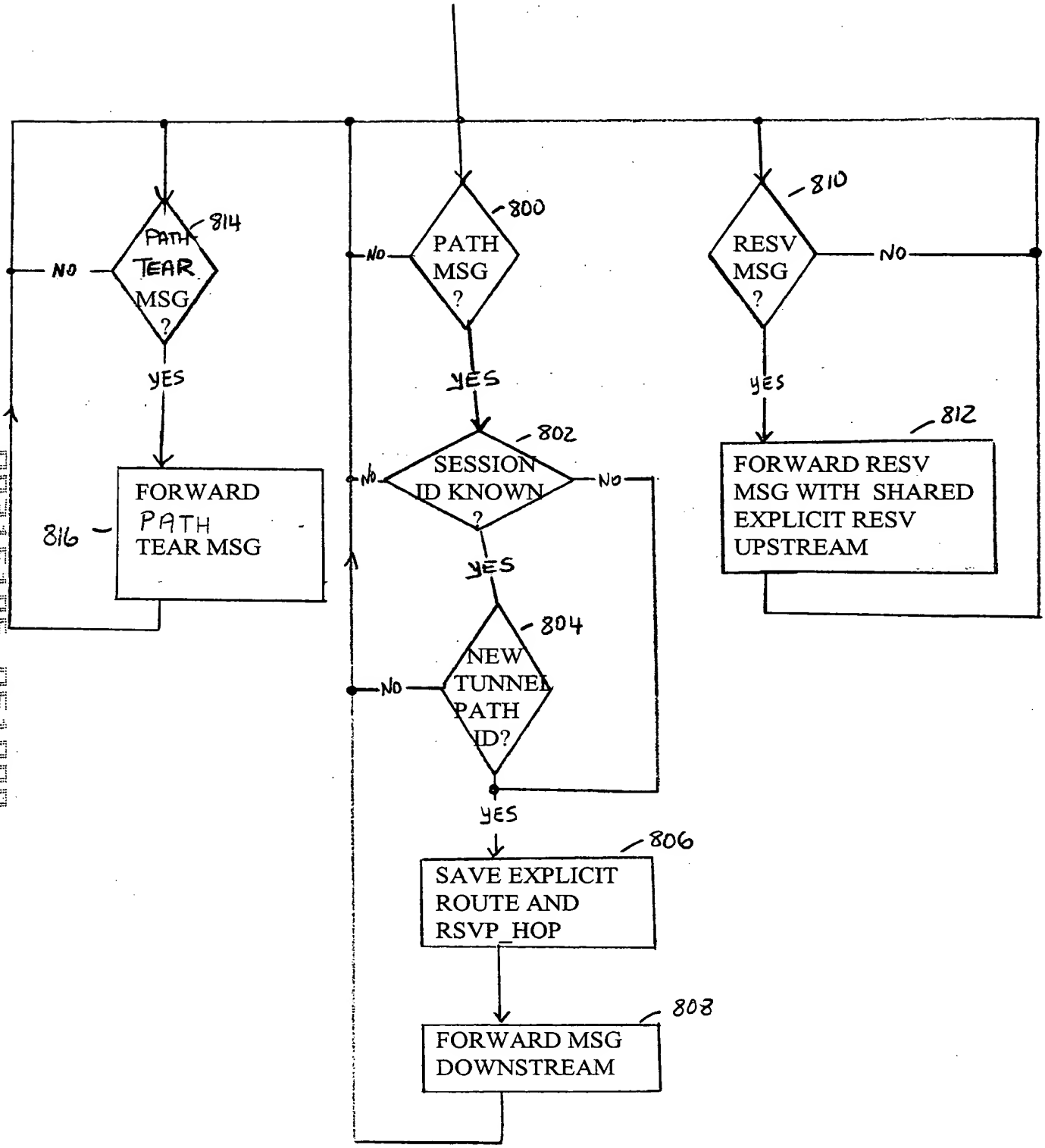
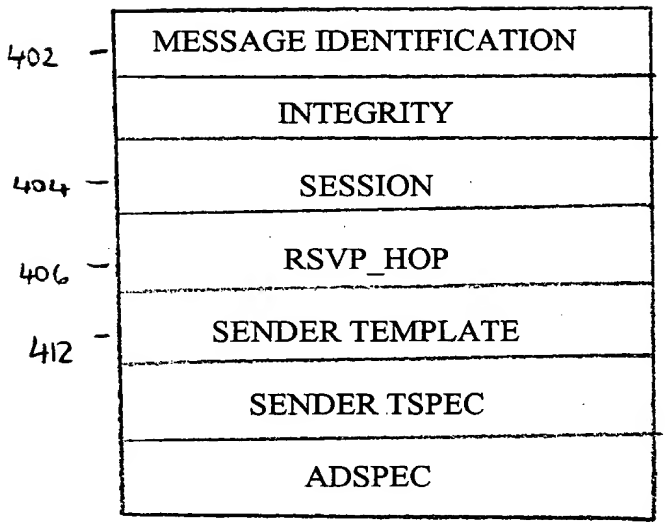

PATH TEAR MSG ?
814
NO
YES
FORWARD PATH TEAR MSG
816
PATH MSG ?
800
NO
YES
SESSION ID KNOWN ?
802
NO
NO
YES
NEW TUNNEL PATH ID?
804
NO
YES
SAVE EXPLICIT ROUTE AND RSVP_HOP
806
FORWARD MSG DOWNSTREAM
808
RESV MSG ?
810
NO
YES
FORWARD RESV MSG WITH SHARED EXPLICIT RESV UPSTREAM
812

FIG. 8

900



PATHTEAR MESSAGE

FIG. 9